

App. No. 10/782,511
Amendment Dated: November 20, 2006
Reply to Office Action of August 18, 2006

Amendments to the Claims:

1 (currently amended): A method for interacting with collaboration data, comprising:

~~accessing~~ determining when a web page that is associated with a collaboration service is accessed; ~~wherein the web page and that~~ includes a link that is associated with collaboration data that is stored in a non-local data store; and ~~wherein multiple users perform operations on the collaboration data non-locally;~~

~~selecting the link on the web page;~~

obtaining the ~~non-local~~ collaboration data from ~~[[a]]~~ the non-local data store in response to the link on the web page being selected;

storing the non-local collaboration data locally;

interacting with the locally stored collaboration data; ~~wherein the interacting includes performing operations on the locally stored collaboration data;~~ and

determining whether the operations performed locally are valid when a value within the locally stored collaboration data has been modified; and when the operations performed are valid then updating the non-local collaboration data in the non-local data store with the modified value.

~~attempting to update the non-local collaboration data when a value associated with the locally stored collaboration data has been modified.~~

2 (original): The method of Claim 1, wherein interacting with the locally stored collaboration data, further comprises displaying the locally stored collaboration data within a spreadsheet control to a user.

3 (original): The method of Claim 1, wherein interacting with the locally stored collaboration data, further comprises allowing bulk operations to be performed on records of the locally stored collaboration data.

4 (currently amended): The method of Claim 1, wherein ~~attempting to update~~ updating the non-local collaboration data, further comprises allowing the user to keep interacting with the locally stored collaboration data during the ~~attempt to update.~~

App. No. 10/782,511
Amendment Dated: November 20, 2006
Reply to Office Action of August 18, 2006

5 (currently amended): The method of Claim 1, wherein interacting with the locally stored collaboration data, further comprises ~~performing at least one of the following operations, including~~ the locally stored collaboration data.

6 (original): The method of Claim 2, further comprising flushing the locally stored collaboration data when it is no longer being accessed.

7 (original): The method of Claim 2, wherein storing the non-local collaboration data locally further comprises storing the non-local collaboration data in a cache.

8 (original): The method of Claim 2, further comprising performing a validation check to determine whether a modification to the locally stored collaboration data is invalid.

9 (original): The method of Claim 8, further comprising sending an error message to the user when the validation check determines that the modification is invalid.

10 (currently amended): A system for interacting with collaboration data, comprising:

a server including a network communication device coupled to a network and a data store configured to store collaboration data that is associated with a collaboration service;

a client including a display, a network communication device coupled to the network and a local data store, a browser including a web page configured to present at least one link to a user associated with the collaboration data, and an application that is configured to perform actions, including:

receive a selection of a link on the web page shown in the display that is associated with the collaboration data;

obtain the collaboration data from the data store;

store the obtained collaboration data within the local data store;

interact with the locally stored collaboration data without interaction with the server that is associated with the collaboration service; wherein the interactions include modifying a value in the locally stored collaboration data; and

App. No. 10/782,511
Amendment Dated: November 20, 2006
Reply to Office Action of August 18, 2006

determining whether the interactions on the locally stored collaboration data are valid; and when the interactions performed are valid then updating the collaboration data at the data store with the modified value.

11 (original): The system of Claim 10, further comprising a spreadsheet control that is used to display the locally stored collaboration data.

12 (original): The system of Claim 11, wherein the application is further configured to attempt to update the collaboration data stored at the non-local data store while still allowing the user to interact with the locally stored collaboration data.

13 (original): The system of Claim 11, wherein the spreadsheet control is configured to provide functionality similar to functionality within a spreadsheet program.

14 (original): The system of Claim 11, wherein the data store is flushed when the locally stored collaboration data is no longer being accessed.

15 (original): The system of Claim 13, wherein the application is further configured to perform a validation check on changes to the collaboration data.

16 (currently amended): A computer-readable storage medium having computer executable instructions for interacting with collaboration data, the instructions comprising:

receiving a selection of a link on a web page that is associated with collaboration data that is stored at a non-local data store;

obtaining the collaboration data from the non-local data store;

storing the collaboration data locally; and

interacting with the locally stored collaboration data without accessing the non-local collaboration data; wherein the interactions include modifying a value in the locally stored collaboration data; and

determining whether the operations performed locally are valid when a value within the locally stored collaboration data has been modified; and when the operations performed are valid

App. No. 10/782,511
Amendment Dated: November 20, 2006
Reply to Office Action of August 18, 2006

then updating the non-local collaboration data in the non-local data store with the modified value.

17 (original): The computer-readable medium of Claim 16, further comprising updating the non-local collaboration data stored when a change to the locally stored collaboration data is valid.

18 (original): The computer-readable medium of Claim 17, further comprising allowing a user to keep interacting with the locally stored collaboration data during the updating.

19 (original): The computer-readable medium of Claim 16, wherein interacting with the locally stored collaboration data, further comprises displaying the collaboration data within a spreadsheet control.

20 (original): The computer-readable medium of Claim 19, wherein interacting with the locally stored collaboration data, further comprises performing at least one of the following operations, including: sorting, filtering, scrolling, pasting, and changing the locally stored collaboration data.

21 (original): The computer-readable medium of Claim 19, further comprising sending an error message to the user when the change to the locally stored collaboration data is invalid.